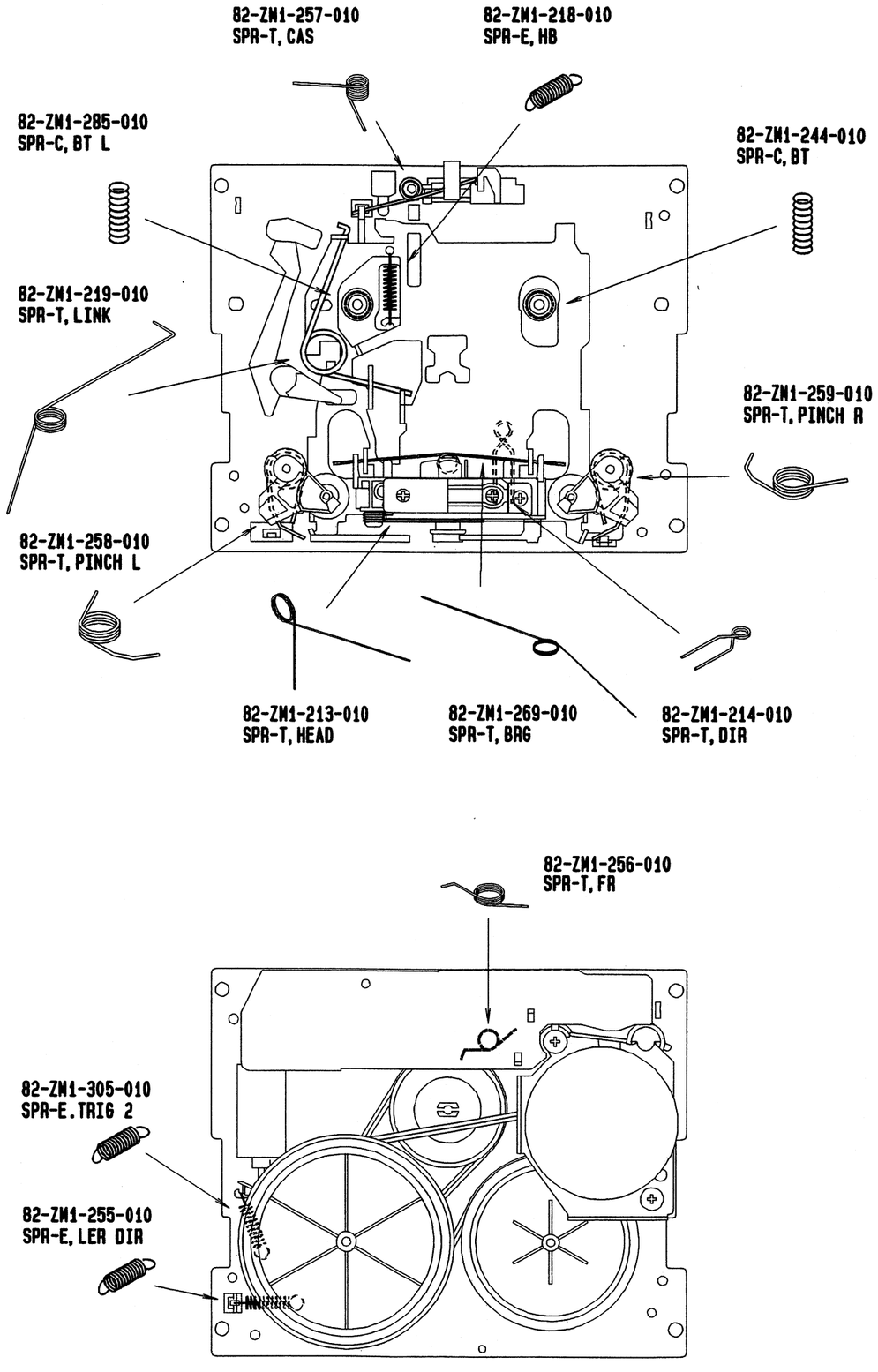
SPRING APPLICATION POSITION (FX-WZ9300)



MODEL NO.

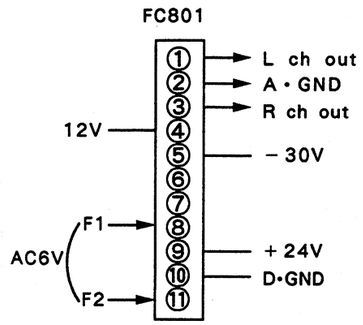
TX – Z9300

CAUTIONS WHEN SERVICING (TX – Z9300)

Model TX – Z9300 does no have a power supply circuit. Power is supplied to it through a 11 – pin flat cable and the signal inputs/outputs are also perfomed through this cable.
When servicing the TX – Z9300 connect it to the MX – Z9300M so that power is supplied to the TX – Z9300. If the MX – Z9300M is not available, follow the procedure below.

[When servicing the unassembled TX – Z9300]

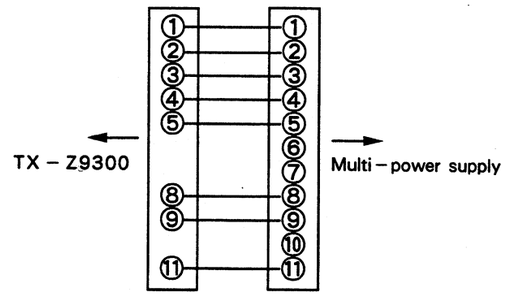
① Supply the following voltages to each terminal from an external power supply.

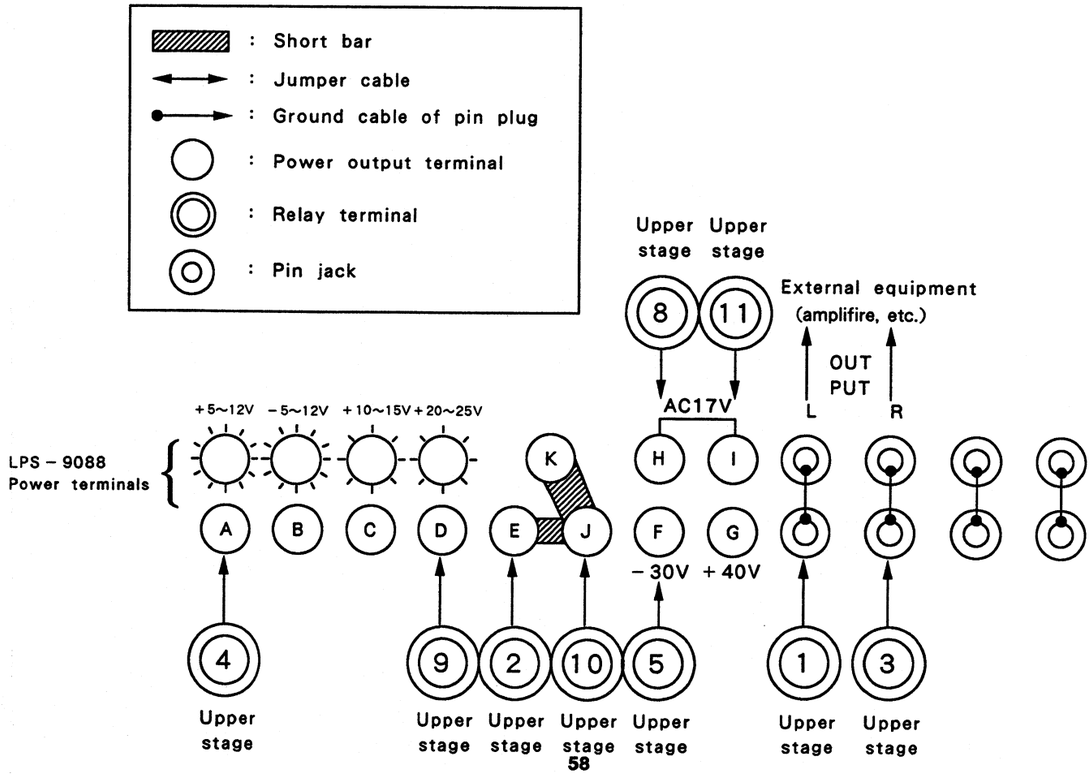


② Connection diagram when using multi power supply (LPS – 9088).

- Turn the TX – Z9300 on using the SLEEP function since the POWER SW is not supplied.
- Connect the multi – conversion harness for the X5 type (modeified harness for F550) to J1.

Connection diagram of multi – conversion harness





AIWA-01510 / DRUCK: 16

ELECTRICAL MAIN PARTS LIST (TX-Z9300)

DESCRIPTIONで判断できない物は "REFERENME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
IC			
	87-001-942-019		IC,LA1265S(G)
	87-020-446-019		IC,TA7343AP
	87-001-376-019		IC,LC7218
	81-VT1-605-019		IC,UPD75268CW-066
TRANSISTOR			
	89-503-025-089		C-FET,2SK302 GR
	89-327-143-089		C-TR,2SC2714(0)
	89-502-115-089		C-FET,2SK211GR
	89-327-125-089		C-TR,2SC2712GR
	87-026-230-089		C-TR,DTA114YK
	89-316-235-089		C-TR,2SC1623 L5
	89-333-266-089		C-TR,2SC3326B
	89-502-094-089		C-FET,2SK209Y
	87-026-214-089		TR,DTA114YS
	89-320-011-089		TR,2SC2001K
	89-318-155-089		TR,2SC1815GR
	89-110-485-089		TR,2SA1048GR
	89-324-585-089		TR,2SC2458GR
DIODE			
	87-026-360-089		C-VARICAP,KV1430
	87-020-125-089		C-DIODE,1SS181
	81-754-634-090		VARI-CAP, KV1260
	87-020-027-089		C-DIODE,1SS184
	87-020-583-089		C-ZENER,02CZ5.1Y
	87-020-585-089		C-ZENER,02CZ6.2Y
	87-020-110-089		DIODE,1SS177
	87-027-449-089		ZENER,HZ15-3L
	87-017-172-089		ZENER,HZS11A1L
MAIN C.B			
	81-653-648-010		ANT TERM EARTH PAL
C1	87-010-312-089		C-CAP,S 15P-50 CH
C3	87-010-197-089		C-CAP,S 0.01-25 B
C4	87-010-197-089		C-CAP,S 0.01-25 B
C5	87-010-197-089		C-CAP,S 0.01-25 B
C6	87-010-197-089		C-CAP,S 0.01-25 B
C7	87-010-147-089		C-CAP,S 3P-50 CH
C9	87-010-158-089		C-CAP,S 22P-50 SL
C10	87-010-154-089		C-CAP,S 10P-50 CH
C11	87-010-312-089		C-CAP,S 15P-50 CH
C12	87-010-312-089		C-CAP,S 15P-50 CH
C13	87-010-197-089		C-CAP,S 0.01-25 B
C14	87-010-146-089		C-CAP,S 2P-50 CH
C15	87-010-148-089		C-CAP,S 4P-50 CH
C16	87-010-149-089		C-CAP,S 5P-50 CH
C17	87-010-197-089		C-CAP,S 0.01-25 B
C18	87-010-170-089		C-CAP,S 220P-50 SL
C19	87-010-197-089		C-CAP,S 0.01-25 B
C20	87-010-197-089		C-CAP,S 0.01-25 B
C21	87-010-197-089		C-CAP,S 0.01-25 B
C22	87-010-400-089		CAP,E 0.47-50 SME
C23	87-010-197-089		C-CAP,S 0.01-25 B
C24	87-010-149-089		C-CAP,S 5P-50 CH
C26	87-010-312-089		C-CAP,S 15P-50 CH
C27	87-010-197-089		C-CAP,S 0.01-25 B
C30	87-010-401-089		CAP,E 1-50 SME
C31	87-010-197-089		C-CAP,S 0.01-25 B
C32	87-010-197-089		C-CAP,S 0.01-25 B
C33	87-010-405-089		CAP,E 10-50 SME
C34	87-012-157-089		C-CAP,S 330P-50 CH
C35	87-010-197-089		C-CAP,S 0.01-25 B
C36	87-010-401-089		CAP,E 1-50 SME
C37	87-010-404-089		CAP,E 4.7-50 SME
C38	87-010-405-089		CAP,E 10-50 SME
C39	87-010-544-089		CAP,E 0.1-50
C40	87-010-403-089		CAP,E 3.3-50 SME
C41	87-010-404-089		CAP,E 4.7-50 SME
C42	87-010-404-089		CAP,E 4.7-50 SME
C43	87-010-197-089		C-CAP,S 0.01-25 B
C45	87-010-404-089		CAP,E 4.7-50 SME
C46	87-010-197-089		C-CAP,S 0.01-25 B
C47	87-010-197-089		C-CAP,S 0.01-25 B
C48	87-010-197-089		C-CAP,S 0.01-25 B
C49	87-010-197-089		C-CAP,S 0.01-25 B
C50	87-010-197-089		C-CAP,S 0.01-25 B
C51	87-010-197-089		C-CAP,S 0.01-25 B
C52	87-010-197-089		C-CAP,S 0.01-25 B
C53	87-010-196-089		C-CAP,S 0.1-25 F
C54	87-010-197-089		C-CAP,S 0.01-25 B
C55	87-014-049-089		CAP,PP 470P-100 J
C56	87-010-158-089		C-CAP,S 22P-50 SL
C57	87-010-169-089		C-CAP,S 180P-50 SL
C58	87-014-050-089		CAP,PP 510P-100 J
C60	87-010-404-089		CAP,E 4.7-50 SME
C61	87-010-401-089		CAP,E 1-50 SME
C62	87-010-403-089		CAP,E 3.3-50 SME
C63	87-014-057-089		CAP,PP 1000P-100 J
C64	87-010-405-089		CAP,E 10-50 SME
C67	87-010-220-089		C-CAP,S 0.018-25 B
C68	87-010-220-089		C-CAP,S 0.018-25 B
C69	87-010-404-089		CAP,E 4.7-50 SME
C70	87-010-404-089		CAP,E 4.7-50 SME
C73	87-010-404-089		CAP,E 4.7-50 SME
C74	87-010-404-089		CAP,E 4.7-50 SME
C75	87-010-248-089		CAP,E 220-10 SME
C76	87-010-312-089		C-CAP,S 15P-50 CH
C77	87-010-197-089		C-CAP,S 0.01-25 B
C78	87-010-197-089		C-CAP,S 0.01-25 B
C79	87-010-197-089		C-CAP,S 0.01-25 B
C80	87-010-384-089		CAP,E 100-25 SME
C81	87-010-186-089		C-CAP,S 4700P-50 B
C82	87-010-400-089		CAP,E 0.47-50 SME
C83	87-015-762-089		C-CAP,68P SL
C84	87-010-164-089		C-CAP,S 68P-50 SL
C85	87-010-164-089		C-CAP,S 68P-50 SL
C86	87-018-134-089		CAP,TC-U 0.01-16 Y
C87	87-010-404-089		CAP,E 4.7-50 SME
C88	87-010-381-089		CAP,E 330-16 SME
C89	87-018-134-089		CAP,TC-U 0.01-16 Y
C100	87-010-197-089		C-CAP,S 0.01-25 B
C101	87-010-197-089		C-CAP,S 0.01-25 B
C102	87-010-311-089		C-CAP,S 12P-50 CH
C103	87-010-311-089		C-CAP,S 12P-50 CH
C104	87-010-197-089		C-CAP,S 0.01-25 B
C106	87-010-145-089		C-CAP,S 1P-50 CH
C110	87-010-263-089		CAP,E 100-10
C111	87-010-405-089		CAP,E 10-50 SME
C112	87-010-401-089		CAP,E 1-50 SME
C151	87-010-197-089		C-CAP,S 0.01-25 B
C152	87-018-134-089		CAP,TC-U 0.01-16 Y
C153	87-018-134-089		CAP,TC-U 0.01-16 Y
C154	87-018-209-089		CAP,TC-U 0.1-50 F
C155	87-018-134-089		CAP,TC-U 0.01-16 Y
CF1	87-030-105-010		FLTR,BPMB6A
CF2	82-799-621-019		CF MS2-A
CF3	87-008-261-019		FLTR,SFE10.7MA5-A
CF4	87-008-261-019		FLTR,SFE10.7MA5-A
CF5	82-794-670-019		BFU 450C4N
J1	81-631-646-010		ANT TERM 2P PAL
L1	87-006-204-019		COIL,ANT FM 3/4 T
L2	87-006-210-019		COIL,ANT FM 2 3/4T
L3	87-006-200-019		COIL,RF FM 3-1/2T,L5
L4	87-006-201-019		COIL,RF FM3-1/2TS, L5
L5	87-006-201-019		COIL,RF FM3-1/2TS, L5

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
L6	87-006-205-019		COIL,OSC FM (7K)
L7	87-003-231-089		C-COIL,S1UH
L8	87-008-427-019		COIL,FMIFT (4T)
L9	81-631-611-019		COIL,QUAD (SINGLE)
L11	87-008-452-019		FILTER CFAZ-450
L12	87-006-207-019		COIL,ANT MW (3B)
L13	87-006-208-019		COIL,ANT LW
L14	82-794-687-019		COIL,OSC MW
L15	87-008-461-019		COIL,2 POLE MPX
L16	87-008-461-019		COIL,2 POLE MPX
L17	82-794-688-019		COIL,OSC LW
L18	87-008-421-019		COIL,FILTER ANTI-BIRDIE
L19	87-003-098-089		COIL,2.2UH
L31	87-003-147-089		COIL,22UH
L32	87-005-153-089		COIL,47UH
L33	87-003-098-089		COIL,2.2UH
SFR1	87-024-174-089		SFR,33K DIA6 V
SFR2	87-024-171-089		SFR,4.7K DIA6 V
TC1	87-011-219-089		CAP TRIMMER 10P VCT
TC2	87-011-219-089		CAP TRIMMER 10P VCT
TC3	87-011-219-089		CAP TRIMMER 10P VCT
TC4	87-011-220-089		CAP TRIMMER 20P VCT
TC5	87-011-221-089		TRIMER,30P VCT51
TC6	87-011-221-089		TRIMER,30P VCT51
X1	87-030-163-019		VIB,XTAL 7.2MHZ(NDK)

FRONT C.B

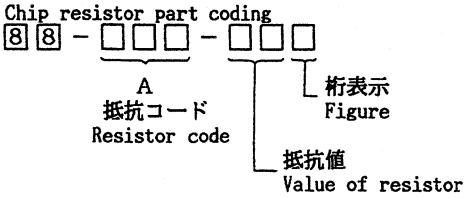
C901	87-018-131-089		CAP,TC-U 1000P-50 B
C902	87-010-553-089		CAP,E 47-16
C903	87-010-498-089		CAP,E 10-16 5L
C904	87-010-494-089		CAP ELECT GAS 1/50
C905	87-018-131-089		CAP,TC-U 1000P-50 B
C906	87-010-497-089		CAP,E 4.7-50 5L
C907	87-010-494-089		CAP,E GAS 1/50
C908	87-010-494-089		CAP,E GAS 1/50
C909	87-018-134-089		CAP,TC-U 0.01-16 Y
C910	87-010-252-089		CAP,E (TAPG) 1000-6.3V
C911	87-018-209-089		CAP,TC-U 0.1-50 F
C912	87-018-209-089		CAP,TC-U 0.1-50 F
C913	87-018-209-089		CAP,TC-U 0.1-50 F
C915	87-010-381-089		CAP,E 330-16 SME
C916	87-010-381-089		CAP,E 330-16 SME
CF901	87-008-394-089		CF CST 4.19 MGW
FL901	85-VT1-605-019		FL,9BT-83GK
L901	87-003-102-089		COIL,10UH
L902	87-003-102-089		COIL,10UH
L903	87-003-102-089		COIL,10UH
L904	87-003-102-089		COIL,10UH
PIN901	87-009-605-019		CONN,8P TKC-B M
PIN902	87-009-605-019		CONN,8P TKC-B M
RU901	87-002-669-019		IC,GP1U571X
SW901	87-036-215-089		SW,TACT EVQ21404M
SW902	87-036-215-089		SW,TACT EVQ21404M
SW903	87-036-215-089		SW,TACT EVQ21404M
SW904	87-036-215-089		SW,TACT EVQ21404M
SW905	87-036-215-089		SW,TACT EVQ21404M
SW906	87-036-215-089		SW,TACT EVQ21404M
SW907	87-036-215-089		SW,TACT EVQ21404M
SW908	87-036-215-089		SW,TACT EVQ21404M
SW909	87-036-215-089		SW,TACT EVQ21404M
SW910	87-036-215-089		SW,TACT EVQ21404M
SW911	87-036-215-089		SW,TACT EVQ21404M
SW912	87-036-215-089		SW,TACT EVQ21404M
SW913	87-036-215-089		SW,TACT EVQ21404M
SW914	87-036-215-089		SW,TACT EVQ21404M
SW915	87-036-215-089		SW,TACT EVQ21404M
SW916	87-036-215-089		SW,TACT EVQ21404M
SW917	87-036-215-089		SW,TACT EVQ21404M
SW918	87-036-215-089		SW,TACT EVQ21404M

RELAY C.B

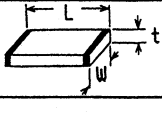
C781	87-010-197-089		C-CAP,S 0.01-25 B
C782	87-018-208-089		CAP,TC-U 0.047-50 F
CON1	87-009-600-019		CONN,8P TKC-B F
CON2	87-009-600-019		CONN,8P TKC-B F
FC801	82-VT1-605-019		CORD,FG 11P

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

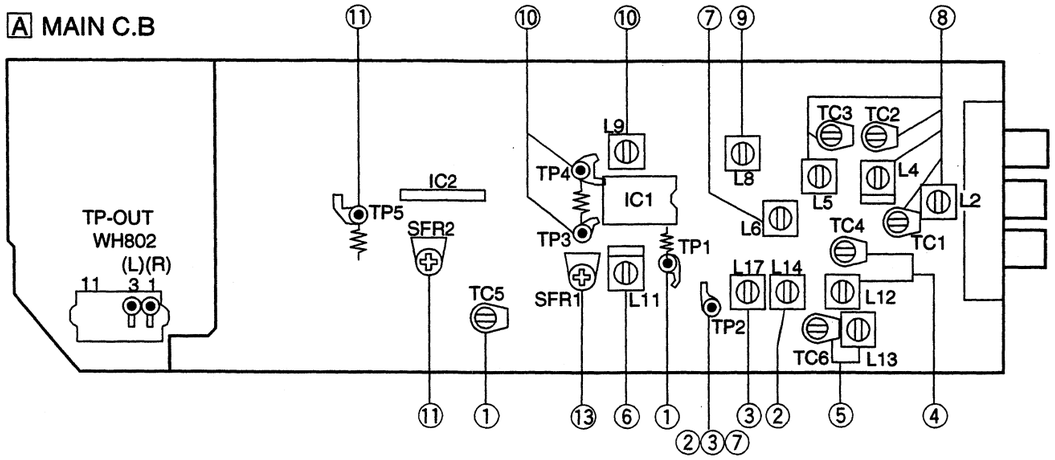
チップ抵抗部品コードの成り立ち
Chip resistor part coding



チップ抵抗
Chip resistor

Wattage 容量	Type 種類	Tolerance 許容誤差	Symbol 記号	Dimensions／寸法(mm) Form/外形	L	W	t	Resistor Code : A 抵抗コード : A
1/32W	1608	±5%	CJ		1.6	0.8	0.35	108
1/10W	2125	±5%	CJ		2	1.25	1.45	118
1/8W	3216	±5%	CJ		3.2	1.6	0.5 ～0.7	128

ADJUSTMENT (TX-Z9300)



1. Clock Frequency Adjustment
   Settings: • Test point: TP1
   • Adjustment location: TC5
   Method: Set to MW 1611kHz and adjust so that the test point becomes 2061kHz ± 0.01kHz.

2. MW VT Adjustment
   Settings: • Test point: TP 2 (VT)
   • Adjustment location: L14
   Method: Set to MW 522kHz and adjust L14 so that the test point becomes 1.0V ± 0.05V.

3. LW VT Adjustment
   Settings: • Test point: TP 2 (VT)
   • Adjustment location: L17
   Method: Set to LW 144kHz and adjust L17 so that the test point becomes 1.2V ± 0.05V.

4. MW Tracking Adjustment
   Settings: • Test point: TP-OUT (WH802)
   L12 . . . . . 603kHz
   TC4 . . . . . 1404kHz

5. LW Tracking Adjustment
   Settings: • Test point: TP-OUT (WH802)
   L13 . . . . . 144kHz
   TC6 . . . . . 290kHz

6. MW IF Adjustment
   Settings: • Test point: TP-OUT (WH802)
   L11 . . . . . 450 kHz

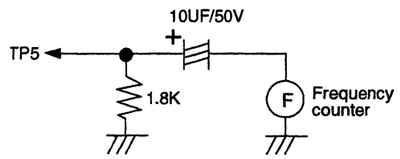
7. FM VT Adjustment
   Settings: • Test point: TP2 (VT)
   • Adjustment location: L6
   Method: Set to FM 108.0MHz and adjust L6 so that the test point becomes 9.0V ± 0.05V.

8. FM Tracking Adjustment
   Settings: • Test point: TP-OUT (WH802)
   TC1,TC2,TC3 . . . . . 108.0MHz
   L2,L4,L4 . . . . . 87.5MHz

9. FM IF Adjustment
   Settings: • Test point: TP-OUT (WH802)
   L8 . . . . . 98.0MHz

10. DC Balance Adjustment
    Settings: • Test point: TP3,4 TP-OUT (WH802)(Distortion)
    • Adjustment location: L9
    Method: Set to FM 98.0MHz and adjust L9 so that the test point TP3 and TP4 output becomes 0V ± 0.02V. Next, check so that the distortion becomes less than 0.6%.

11. MPX VCO Adjustment
    Settings: • Test point: TP5
    • MODE SW: STEREO
    • Adjustment location: SFR2
    Method: Connect a capacitor and resistor as below. Set to FM 98.0MHz non modulation and adjust so that the frequency at test point becomes 38kHz ± 0.05kHz.



12. FM Separation Check
    Settings: • Test point: TP-OUT (WH802)
    Method: Set to FM 98.0MHz and check the separation at TP-OUT becomes more than 27dB.

13. Light on tuning Adjustment
    Settings: • Adjustment location: SFR1
    • Input level: 18dB
    Method: Set to FM 98.0MHz and adjust TUNING LED to light on by SFR1. After that, LED goes out by 2dB down.

PRACTICAL SERVICE FIGURE (TX-Z9300)

<FM SECTION>

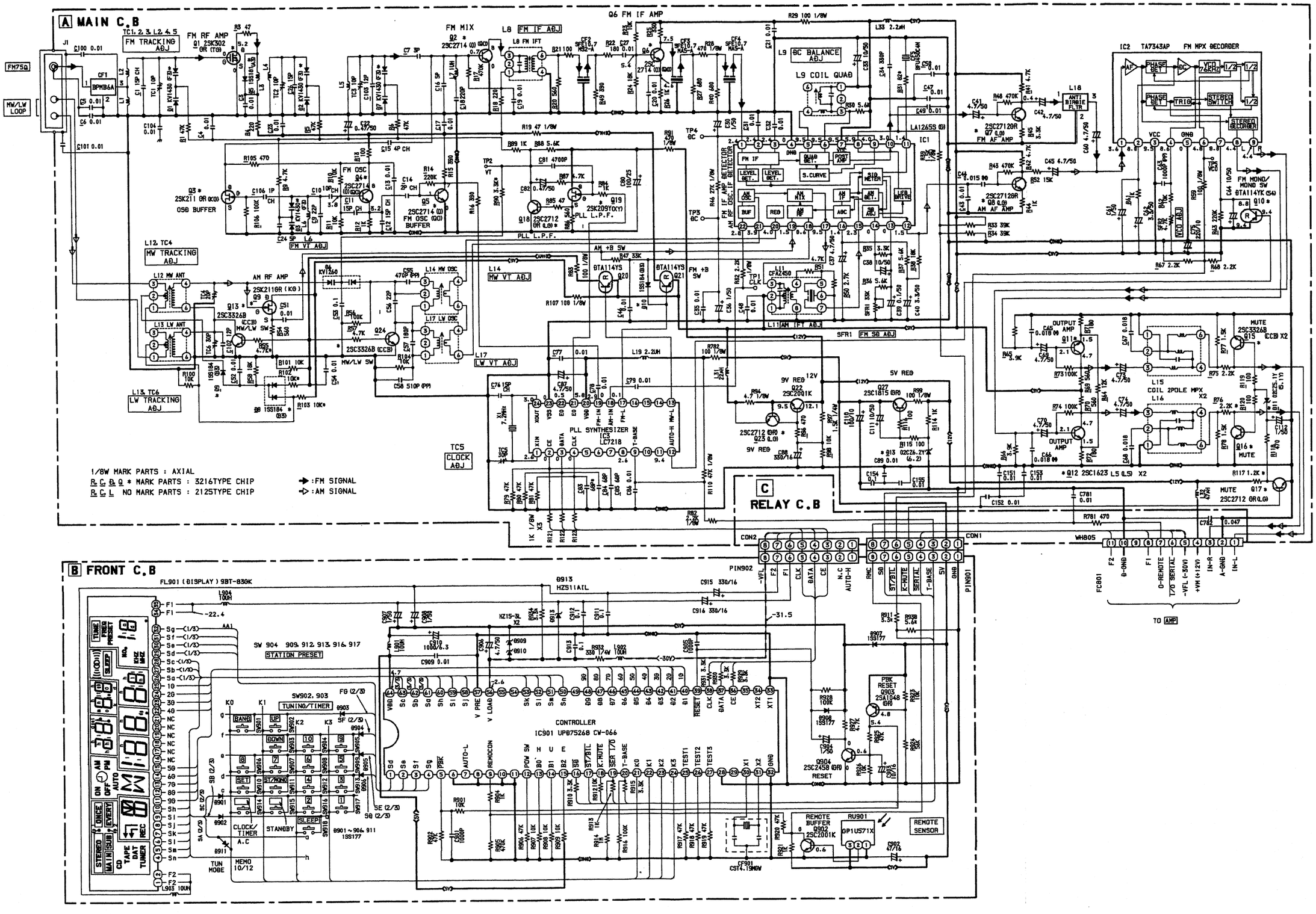
Usable Sensitivity:	8dB±4dB(87.5MHz)
(THD 3%)	6dB±4dB(98.0/108.0MHz)
S/N 46dB Quieting sensitivity:	Less than 38dB (87.5/98.0/108.0MHz)
Signal to noise ratio:	More than 60dB(98.0MHz)
Distortion:	Less than 1.5%(98.0MHz)
Stereo separation:	More than 27dB
Intermediate frequency:	10.7MHz

<MW SECTION>

Sensitivity:	56dB±4dB(603kHz)
(S/N 20dB)	52dB±4dB(999/1404kHz)
	53dB±5dB(1404kHz)
Distortion:	Less than 1.6%(999kHz)
Intermediate frequency:	450kHz

<LW SECTION>

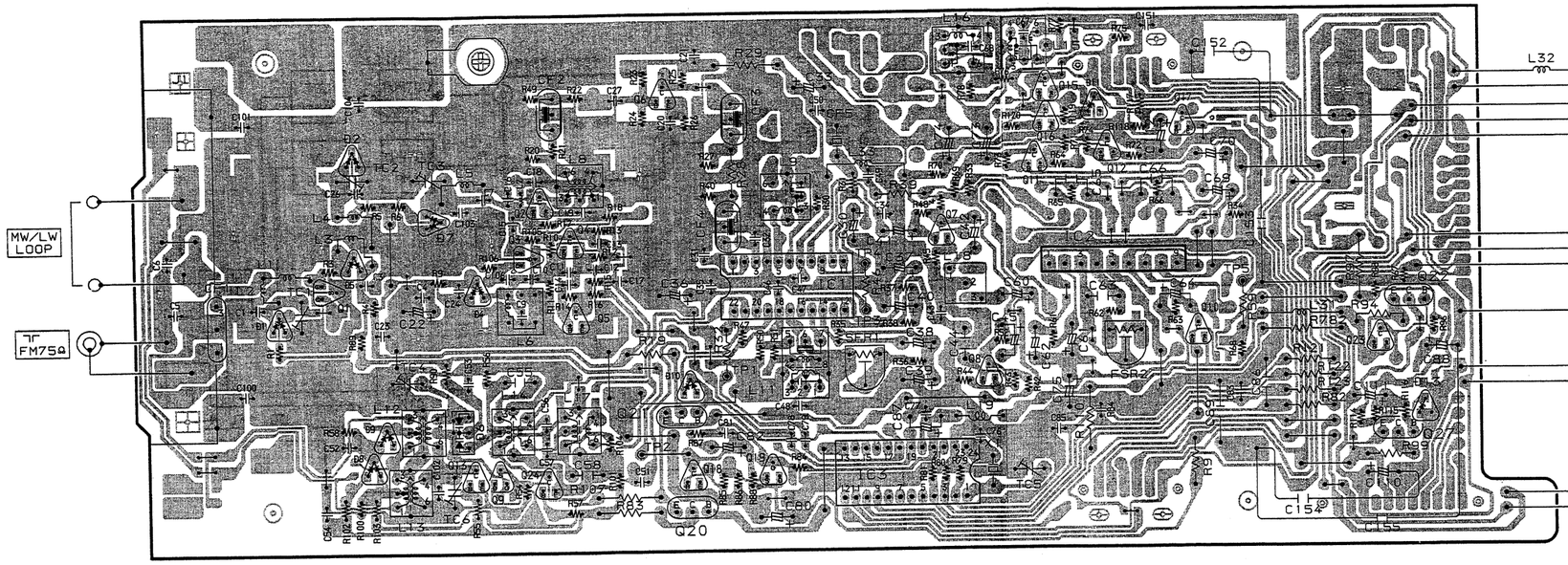
Sensitivity:	63dB±5dB(153kHz)
(S/N 20dB)	60dB±5dB(198/290kHz)
	53dB±5dB(1404kHz)
Distortion:	Less than 1.2%(198kHz)
Intermediate frequency:	450kHz


A MAIN C.B
B FRONT C.B
C RELAY C.B
FM MIX
Q6 FM IF AMP
L8 FM IF ADJ
L9 8C BALANCE ADJ
L9 COIL QUAD
IC2 TA7343AP FM MPX DECORDER
IC1 LA1265S (G)
FM RF AMP
FM TRACKING ADJ
FM OSC BUFFER
PLL L.P.F.
FM VT ADJ
MW TRACKING ADJ
MW VT ADJ
LW TRACKING ADJ
LW VT ADJ
AM RF AMP
AM +B SW
FM +B SW
AM IFT ADJ
FM SD ADJ
PLL SYNTHESIZER IC3 LC7218
TC5 CLOCK ADJ
9V REG
5V REG
OUTPUT AMP
MUTE
L15 COIL 2POLE MPX
L16
ANTI BIMBIE FLTR
FM MONO/MONO SW
VCO ADJ
1/8W MARK PARTS : AXIAL
R,C,D,Q * MARK PARTS : 3216TYPE CHIP
R,C,L NO MARK PARTS : 2125TYPE CHIP
:FM SIGNAL
:AM SIGNAL
FL901 (DISPLAY) 9BT-830K
CONTROLLER
IC901 UPB75268 CW-066
STATION PRESET
TUNING/TIMER
CLOCK/ TIMER
STANDBY
SLEEP
REMOTE BUFFER
REMOTE SENSOR
RU901 GP1US71X
CF901 CST4.19MGW
PIN902
PIN901
CON2
CON1
WH805
FC801
TO AMP

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

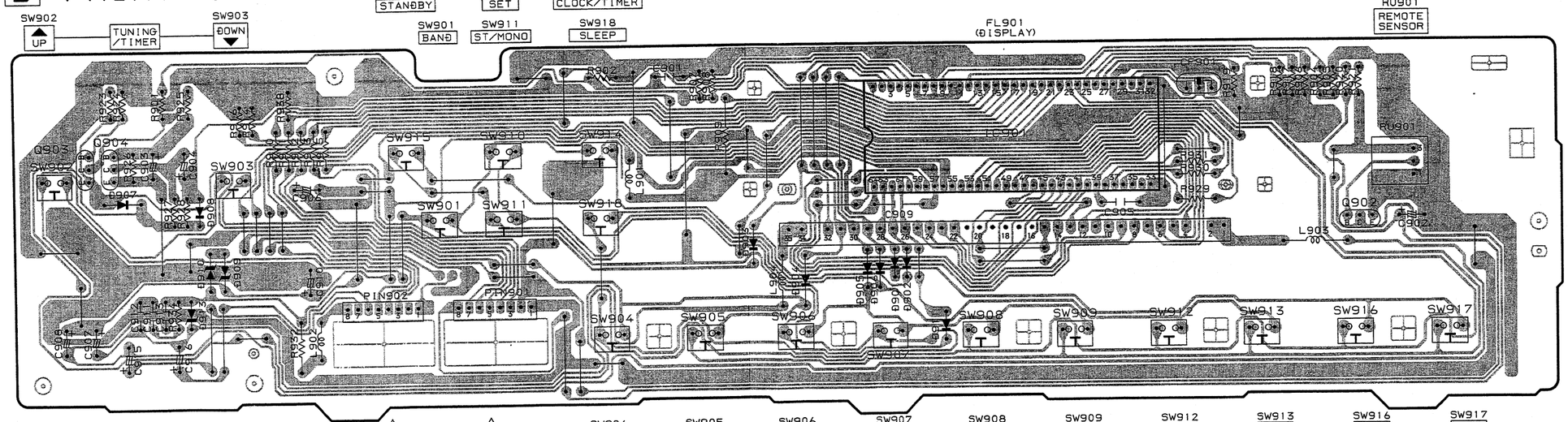
A B C D E F G H I J K

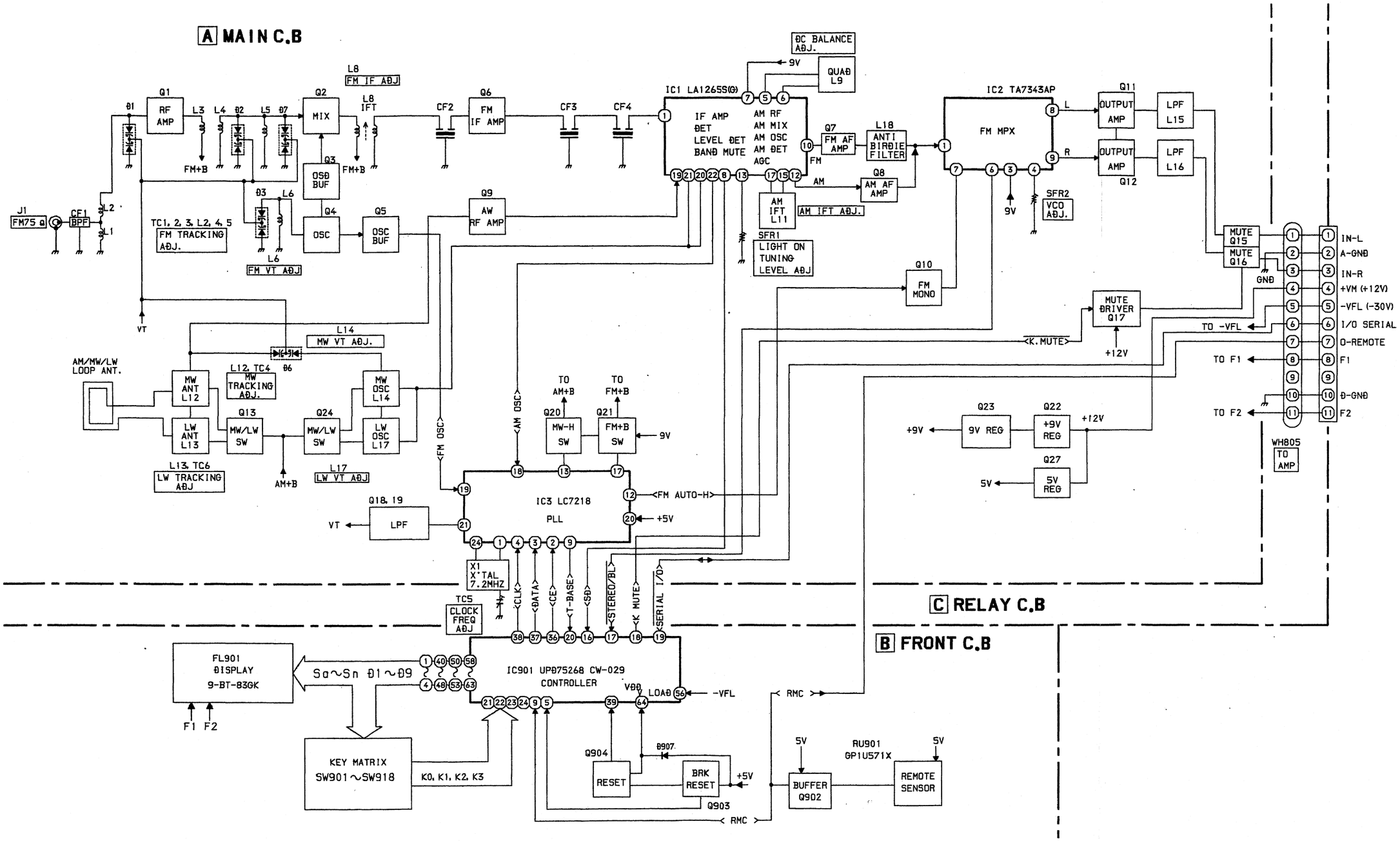
A MAIN C.B



C RELAY C.B

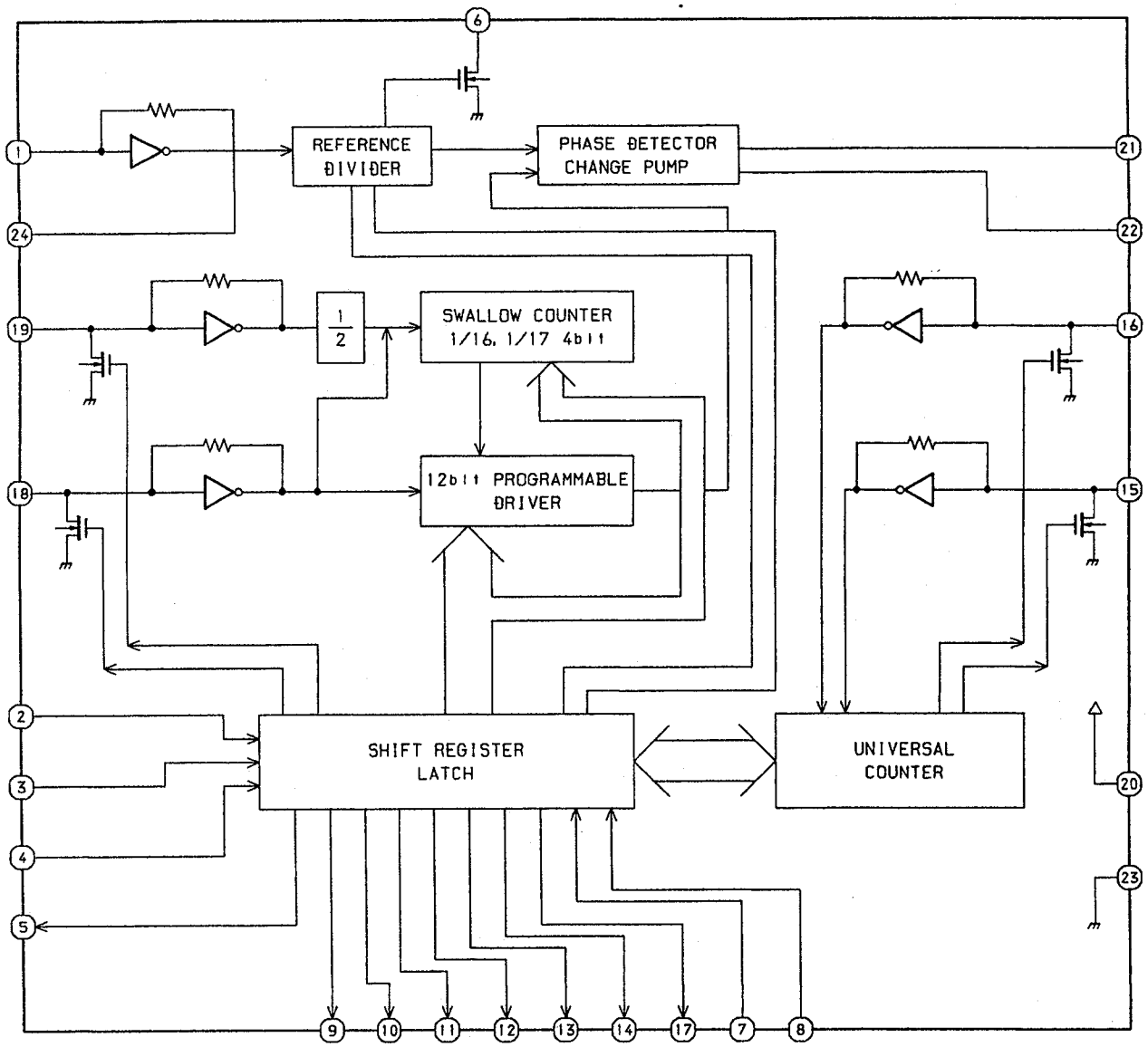
B FRONT C.B




A MAIN C.B
C RELAY C.B
B FRONT C.B
IC1 LA1265S(G)
IC2 TA7343AP
IC3 LC7218
PLL
IC901 UPD75268 CW-029
CONTROLLER
FL901
DISPLAY
9-BT-83GK
KEY MATRIX
SW901~SW918
RESET
BRK RESET
BUFFER Q902
REMOTE SENSOR
RU901 GP1U571X
FM MPX
OUTPUT AMP
MUTE Q15
MUTE Q16
MUTE DRIVER Q17
WH805 TO AMP
IN-L
A-GND
IN-R
+VM (+12V)
-VFL (-30V)
I/O SERIAL
D-REMOTE
F1
D-GND
F2
TO -VFL
TO F1
TO F2
GND
+12V
+9V
5V
9V
-VFL
RMC
<K.MUTE>
<FM AUTO-H>
<CLK>
<DATA>
<CE>
<T-BASE>
<SB>
<STEREO/BL>
<K MUTE>
<SERIAL I/O>
FM+B
AM+B
FM OSC
AM OSC
TO AM+B
TO FM+B
FM IF ADJ
FM TRACKING ADJ.
FM VT ADJ
MW VT ADJ.
MW TRACKING ADJ.
LW TRACKING ADJ
LW VT ADJ
AM IFT ADJ.
QUAD L9
DC BALANCE ADJ.
LIGHT ON TUNING LEVEL ADJ
VCO ADJ.
AM/MW/LW LOOP ANT.
X1 X'TAL 7.2MHZ
TC5 CLOCK FREQ ADJ
Sa~Sn D1~D9
K0, K1, K2, K3
Q1 RF AMP
Q2 MIX
Q3 OSC BUF
Q4 OSC
Q5 OSC BUF
Q6 FM IF AMP
Q7 FM AF AMP
Q8 AM AF AMP
Q9 AM RF AMP
Q10 FM MONO
Q11 OUTPUT AMP
Q12 OUTPUT AMP
Q13 MW/LW SW
Q20 MW-H SW
Q21 FM+B SW
Q22 +9V REG
Q23 9V REG
Q24 MW/LW SW
Q27 5V REG
Q903
Q904
D907
L8 IFT
L18 ANTI BIRDIE FILTER
AM IFT L11
MW ANT L12
LW ANT L13
MW OSC L14
LW OSC L17
LPF L15
LPF L16
SFR1
SFR2
CF1 BPF
CF2
CF3
CF4
J1 FM75 Ω
Q18, 19 LPF
VT

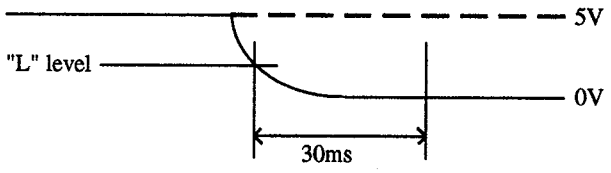
IC BLOCK DIAGRAM (TX-Z9300)

IC, LC7218



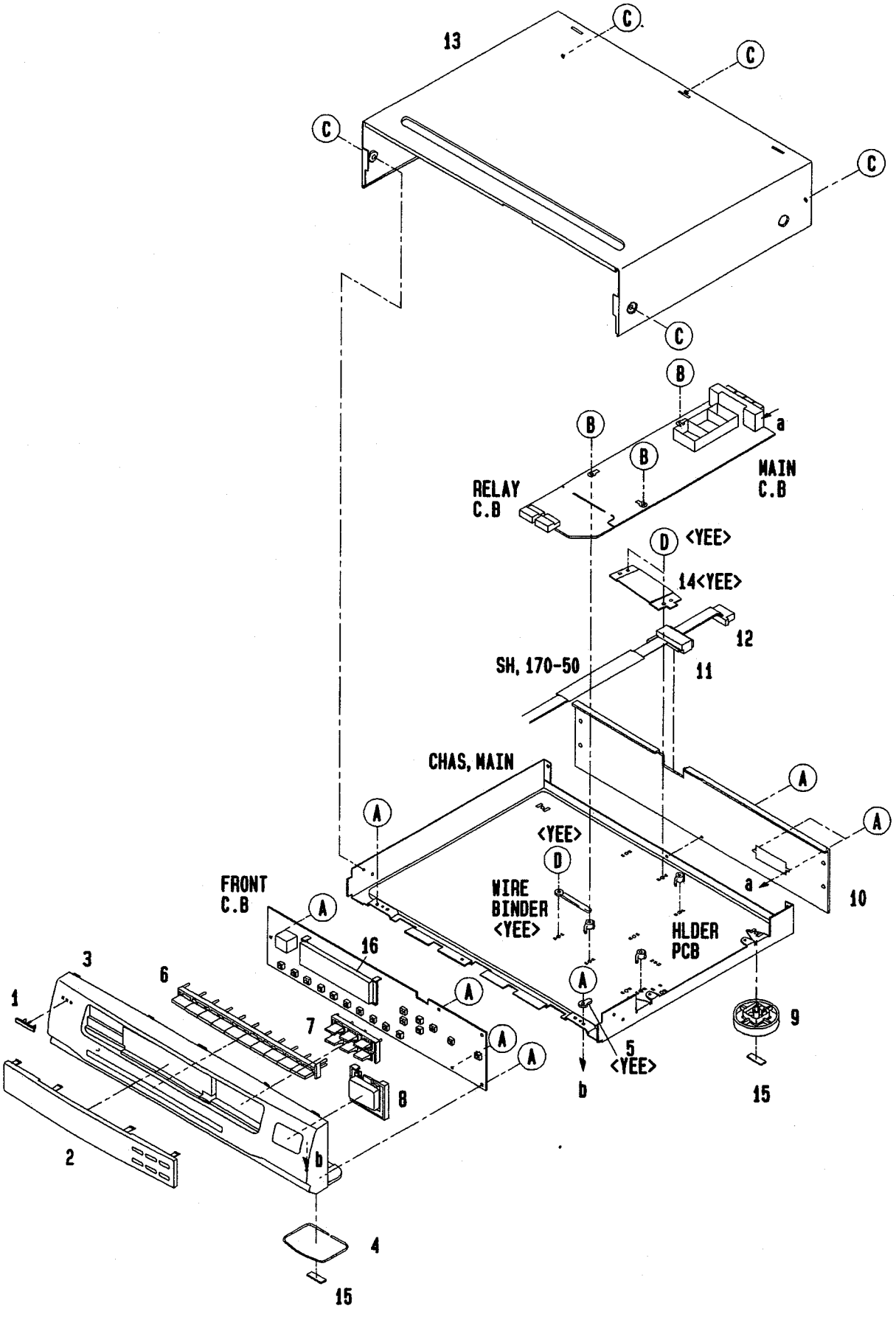
IC DESCRIPTION (TX-Z9300)

IC, UPD75268CW-029

Pin No.	Pin Name	I/O	Description
1~4	Sd~Sg	O	FL display segment signal outputs. Key scan signal outputs. Active "H".
5	$\overline{PBK}$	I	Power failure detection input. When "L" level continues for 30 ms or more. A power failure is detected. (The unit enters the backup mode.) 
6	-	-	Not used. (Connected to GND)
7	AUTO-L	O	When an FM broadcast is received, this pin outputs a signal depending on the AUTO condition selected by the MODE key. Active "L" when the AUTE indicator lights. •Even if the AUTO indicator changes when the frequency is being set during timer programming, the output follows the condition currently received.
8	-	-	Not used. (Connected to GND)
9	REMOKON	I	Serial data input for remote control. Active "H". (The rise is detected)
10~11	-	-	Not used. (Connected to GND)
12	POW SW	I/O	Power control input port. The power is turned on and off a alternately each time the power switch of the amplifier is pressed.
13	B0	I	These input pins select the frequency range etc. With the 3 bits depending on the destination of units.
14	B2	I	These input pins select the frequency range etc. With the 3 bits depending on the destination of units.
15	B1	I	These input pins select the frequency range etc. With the 3 bits depending on the destination of units.
16	$\overline{SD}$	I	Input to stop auto scanning. Active "L". • The input is not accepted during power off. • The input cause "TUNE" to light. • Search for SD signals every 5 ms during auto scanning. When 4 "L" pulses are counted, scanning will stop. • SD is not detected during manual tuning.
17	$\overline{STEREO}$	I	Input which causes the STEREO indicator to light. Active "L". • This input is not accepted during power off.
18	$\overline{K.MUTE}$	O	Output a muting signal when a key is operated.
19	$\overline{SER\ I/O}$	I/O	8-bit serial data input/output.
20	T-BASE	I	Receives 8Hz pulses from the PLL (LC7218) as a clock signal timing.
21~24	K0~K3	I	Key matrix inputs. (K2 and K3 are not used and connected to GND)
25~27	TEST1~TEST3	I	Test mode setting inputs.
28	AC CLK	I	Receives the commercial power frequency (the AC level is 5V) as a reference signal for the clock. Not used. (Connected to ground)

Pin No.	Pin Name	I/O	Description
29	-	-	Not used. (Connected to ground)
30~31	X1~X2	-	A ceramic oscillator which generates the main system clock signal (4.19MHz) is connected.
32	GND	-	Connected to GND.
33~34	XT1~XT2	-	Not used. (Connected to ground)
34	XT2	-	Not used. (Not connected)
35	POW ON	-	Not used. (Not connected) Goes "H" during power on and "L" during power off.
36	CE	O	Output port which transmit serial data to the PLL (LC7218). Active "H".
37	DATA	O	Output port which transmit serial data to the PLL (LC7218). Active "H".
38	CLK	O	Output port which transmit serial data to the PLL (LC7218). Active "H".
39	$\overline{\text{RESET}}$	I	System reset input. When the TUNER MODE and BAND switches are pressed and held for 1 second, the clock and preset stations are reset.
40~48	D1~D9	O	FL display digit outputs.
49	-	-	Not used. (Not connected)
50~53	Sn~Sk	O	FL display segment outputs.
54~55	-	-	Not used. (Not connected)
56	V LOAD	I	Supplies power (-25V) to the output buffer of the FL display driver.
57	V PRE	I	Connected to GND.
58~60	Sj~Sh	O	FL display segment outputs.
61~63	Sa~Sc	O	FL display segment outputs.
64	VDD	-	+5V power terminal.

MECHANICAL EXPLODED VIEW 1/1 (TX-Z9300)



MECHANICAL PARTS LIST 1／1 (TX-Z9300)

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	82-NE8-032-019		BADGE AIWA 27.5
2	85-VT1-006-019		WINDOW, DISPLAY
3	85-VT1-001-019		CAB, FR
4	84-VM5-013-010		RING, FOOT
5	87-450-414-019		LB-4 (NICKEL)
6	85-VT1-003-019		KEY, 10
7	85-VT1-004-019		KEY, BAND
8	85-VT1-005-019		KEY, UP/DOWN
9	81-VX1-012-019		FOOT, REAR
10	85-VT1-011-019		PANEL, REAR YEEBN
11	89-VT5-202-010		BUSHING CORD
12	82-VT1-605-010		CORD, FG11P
13	82-VT1-009-119		CAB, STEEL
14	81-VX1-207-110		HLDRWIRE
15	82-VW2-211-019		FELT, 20-7.5-2
16	85-VT1-201-019		GUIDE, FL
A	87-067-660-019		BVT2+3-8W/O SLOT BLK
B	87-067-632-019		BVT2+3-15 W CONVEX
C	87-067-641-019		UTT2+3-8 W/O SLOT BLK
D	87-067-584-010		BVT2+3-6 W/O SLOT